

WILLOW RANCH (Pleasant Mining Company)

Owner: A. J. Ousley and others on deeded land.

Location: Modoc County, California, at Willow Ranch south of Pine Creek.

Development: 4 tunnels, totaling over 500 feet and 2 shafts.

Geology: Country rock of lower workings in banded rhyolite, highly brecciated and recemented; small amounts of crystalline quartz; and large amounts of rock in which disseminated sulphide appears. Limonite and magnetite said to contain considerable secondary gold in small seams. Some cinnabar also appears in small stringers and pockets. Areas of white rhyolite have been altered to a light colored clay. Faulting is pronounced. Strike north 40 to north 60 west with steep dips both northeast and southwest.

The upper tunnel lies in silicified and pyritized basalt cut by open quartz veins varying up to 2 feet in width and strike north 40 east. Quartz shows comb structure with manganese and limonite. The middle tunnel runs predominately through an old gravel bar and cuts no veins which would appear to be of value.

Date: 5-21-39.

J.E. Allen.